

Freeform Search

Database:	<div style="border: 1px solid black; padding: 2px;"> US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins </div>
Term:	<div style="border: 1px solid black; padding: 2px;"> L2 and trimethylol\$1propane </div>
Display:	<input type="text" value="10"/> Documents in Display Format: <input type="text" value="-"/> Starting with Number <input type="text" value="1"/>
Generate: <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

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Interrupt

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DATE: Wednesday, May 12, 2004 [Printable Copy](#) [Create Case](#) "10649703"

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L3</u>	L2 and trimethylol\$1propane	11	<u>L3</u>
<u>L2</u>	L1 and (isophthal\$3 and tetrahydrophthal\$3)	17	<u>L2</u>
<u>L1</u>	oxygen scaveng\$3	3893	<u>L1</u>

END OF SEARCH HISTORY

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Term: L4 and trimethylolpropane

Display: 10 Documents in **Display Format:** Starting with Number 1

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DATE: Wednesday, May 12, 2004 Printable Copy Create Case ✓ 10/649703452

Set Name Query
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Hit Count Set Name
 result set



DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L5</u>	L4 and trimethylolpropane	3	<u>L5</u>
<u>L4</u>	L3 and isophthal\$3	8	<u>L4</u>
<u>L3</u>	L2 and tetrahydrophthal\$3	17	<u>L3</u>
<u>L2</u>	L1 and \$3polyester\$1	270	<u>L2</u>
<u>L1</u>	transition metal and oxygen scaveng\$3	533	<u>L1</u>

END OF SEARCH HISTORY

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database
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Term:	L7 or L6	
		

Display:	<input type="text" value="10"/>	Documents in Display Format:	<input type="text" value="REV"/>	Starting with Number	<input type="text" value="1"/>
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Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

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DATE: Wednesday, May 12, 2004 Printable Copy Create Case ✓ "US10649703453"

Set Name Query

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Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L8</u>	L7 or L6	9	<u>L8</u>
<u>L7</u>	L5 and \$4hexane\$3ol	8	<u>L7</u>
<u>L6</u>	L5 and ((diol or glycol) with hexane)	3	<u>L6</u>
<u>L5</u>	L4 and (tetrahydrophthal\$3)	9	<u>L5</u>
<u>L4</u>	L3 and isophthal\$3	72	<u>L4</u>
<u>L3</u>	L2 and trimethylol\$1propane	152	<u>L3</u>
<u>L2</u>	L1 and (oxygen with (absor\$8 or barrier or scaveng\$3))	1117	<u>L2</u>
<u>L1</u>	528/\$10	74209	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (tetrahydrophthal\$3)	1

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L3

Search History

DATE: Wednesday, May 12, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=DWPI; PLUR=YES; OP=ADJ

<u>L3</u>	L1 and (tetrahydrophthal\$3)	1	<u>L3</u>
<u>L2</u>	L1 and (isophthal\$3)	0	<u>L2</u>
<u>L1</u>	\$3polyester\$1 and transition metal salt	29	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L3 and transition metal	0

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L4

Search History

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Set Name Query
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Hit Count Set Name
result set

DB=DWPI; PLUR=YES; OP=ADJ

L4 L3 and transition metal

0 L4

L3 us-2002/0045057A1-\$.did. or us-5827584-\$.did.

1 L3

L2 L1

0 L2

DB=PGPB,USPT; PLUR=YES; OP=ADJ

L1 2002/0045057A1-\$.did. or 5827584-\$.did.

0 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L2 and transition metal	0

Database:

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Search:

L3  

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DATE: Wednesday, May 12, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=DWPI; PLUR=YES; OP=ADJ

<u>L3</u>	L2 and transition metal	0	<u>L3</u>
<u>L2</u>	L1 and (oxygen with (scaveng\$3 or barrier))	4	<u>L2</u>
<u>L1</u>	akao-m\$.in. or guritza-d\$.in.	135	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L4 and (tetrahydrophthal\$3)	0

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Search:

L8

Search History

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Set Name Query
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Hit Count Set Name
result set

DB=DWPI; PLUR=YES; OP=ADJ

<u>L8</u>	L4 and (tetrahydrophthal\$3)	0	<u>L8</u>
<u>L7</u>	L4 and (isophthal\$3)	0	<u>L7</u>
<u>L6</u>	L4 and trimethylol\$1propane	0	<u>L6</u>
<u>L5</u>	L4 and (isophthalic and tetrahydrophthalic)	0	<u>L5</u>
<u>L4</u>	L2 and \$3polyester\$1	15	<u>L4</u>
<u>L3</u>	L2 and trimethylolpropane	0	<u>L3</u>
<u>L2</u>	L1 and (oxygen with (barrier or scaveng\$3))	125	<u>L2</u>
<u>L1</u>	transition metal	22698	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L4 and (isophthalic and tetrahydrophthalic)	0

Database:

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DATE: Wednesday, May 12, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=DWPI; PLUR=YES; OP=ADJ

<u>L5</u>	L4 and (isophthalic and tetrahydrophthalic)	0	<u>L5</u>
<u>L4</u>	L2 and \$3polyester\$1	15	<u>L4</u>
<u>L3</u>	L2 and trimethylolpropane	0	<u>L3</u>
<u>L2</u>	L1 and (oxygen with (barrier or scaveng\$3))	125	<u>L2</u>
<u>L1</u>	transition metal	22698	<u>L1</u>

END OF SEARCH HISTORY

10/649703

Freeform Search

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
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IBM Technical Disclosure Bulletins

Term: L5 and (oxygen scaveng\$3)

Display: 10 Documents in **Display Format:** REV Starting with Number 1

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Search History

DATE: Wednesday, May 12, 2004

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✓ "1064970345"

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
DB=USPT; PLUR=YES; OP=ADJ			
<u>L6</u>	L5 and (oxygen scaveng\$3)	4	<u>L6</u>
<u>L5</u>	L4 and (di\$8hexane or hexane\$1diol or alk\$10ol or (diol with \$5ne) or (glycol with \$5ne))	1727	<u>L5</u>
<u>L4</u>	L3 and (trimethylol\$1propane)	1794	<u>L4</u>
<u>L3</u>	L2 and (tetrahydrophthal\$3)	2938	<u>L3</u>
<u>L2</u>	L1 and (isophthal\$3)	15730	<u>L2</u>
<u>L1</u>	523/\$10 or 524/\$10 or 528/\$10	158774	<u>L1</u>

END OF SEARCH HISTORY

Day : Wednesday

Date: 5/12/2004

Time: 07:08:55

 PALM INTRANET

Inventor Information for 10/649703

Inventor Name	City	State/Country
EBNER, CYNTHIA L.	GREER	SOUTH CAROLINA
MATTHEWS, ANDREW E.	THURLBY	UNITED KINGDOM
MILLWOOD, TERRY O.	SPARTANBURG	SOUTH CAROLINA

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data
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Day : Wednesday

Date: 5/12/2004

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PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = EBNER

First Name = CYNTHIA

Application#	Patent#	Status	Date Filed	Title
<u>10649747</u>	Not Issued	020	08/28/2003	OXYGEN SCAVENGER BLOCK COPOLYMERS AND COMPOSITIONS
<u>10649739</u>	Not Issued	030	08/28/2003	IONOMERIC OXYGEN SCAVENGER COMPOSITIONS
<u>10649703</u>	Not Issued	030	08/28/2003	OXYGEN SCAVENGER COMPOSITIONS DERIVED FROM ISOPHTHALIC ACID AND/OR TEREPHTHALIC ACID MONOMER OR DERIVATIVES THEREOF
<u>10325285</u>	Not Issued	030	12/20/2002	METHOD OF PREPARING FOOD
<u>10322896</u>	Not Issued	030	12/18/2002	DUAL-OVENABLE, HEAT-SEALABLE PACKAGING TRAY
<u>10228515</u>	Not Issued	030	08/27/2002	DUAL-OVENABLE, HEAT-SEALABLE PACKAGING FILM
<u>09306401</u>	<u>6258883</u>	150	05/06/1999	OXYGEN SCAVENGING SYSTEM AND COMPOSITIONS
<u>09306400</u>	<u>6387461</u>	150	05/06/1999	OXYGEN SCAVENGER COMPOSITIONS
<u>09183239</u>	<u>6228284</u>	150	10/30/1998	OXYGEN SCAVENGING COMPOSITIONS WITH LOW MIGRATION
<u>08975959</u>	<u>5977212</u>	250	11/21/1997	OXYGEN SCAVENGING COMPOSITIONS
<u>08838808</u>	Not Issued	161	04/10/1997	LIQUID POLYURETHANE (METH) ACRYLATE POLYMER USEFUL FOR FLEXOGRAPHIC PRINTING PLATE

<u>08835873</u>	<u>5981147</u>	150	04/08/1997	STABLE, IONOMERIC PHOTORESIST EMULSION AND PROCESS OF PREPARATION AND USE THEREOF
<u>08796326</u>	<u>5840422</u>	150	02/07/1997	PH CONTROL POLYMER
<u>08753990</u>	<u>6274210</u>	150	12/03/1996	OXYGEN SCAVENGING COMPOSITIONS WITH LOW MIGRATION
<u>08573338</u>	Not Issued	161	12/15/1995	METAL CARBOXYLATE CATALYSTS FOR ENHANCED OXYGEN ABSORPTION BY ASCORBATES
<u>08573335</u>	Not Issued	161	12/15/1995	OXYGEN SCAVENGING COMPOSITIONS WITH LOW MIGRATION INTO AQUEOUS MATERIALS
<u>08573086</u>	Not Issued	161	12/15/1995	OXYGEN SCAVENGING SYSTEM HAVING LOW MIGRATION INTO AQUEOUS MEDIA
<u>08568329</u>	<u>5700554</u>	150	12/06/1995	PACKAGING ARTICLES SUITABLE FOR SCAVENGING OXYGEN
<u>08456595</u>	Not Issued	161	06/01/1995	CIRCUIT BOARD PRODUCED FROM WATERBORNE PHOTORESIST ON METALLIC SUBSTRATE
<u>08432337</u>	Not Issued	161	05/01/1995	PH CONTROL POLYMER
<u>08284320</u>	Not Issued	168	08/02/1994	AQUEOUS DEVELOPABLE PHOTSENSITIVE POLYURETHANE-(METH)ACRYLATE
<u>08268047</u>	Not Issued	166	06/28/1994	COMPOSITIONS, ARTICLES AND METHODS FOR SCAVENGING OXYGEN
<u>08261642</u>	Not Issued	166	06/17/1994	LIQUID POLYURETHANE (METH)ACRYLATE PHOTOPOLYMER USEFUL FOR FLEXOGRAPHIC PRINTING PLATE
<u>08246197</u>	<u>5554712</u>	150	05/19/1994	AQUEOUS DEVELOPABLE PHOTSENSITIVE POLYURETHANE-(METH)ACRYLATE
<u>08228473</u>	<u>5460648</u>	150	04/15/1994	MASONRY ADMIXTURE AND METHOD OF PREPARING SAME
<u>08208546</u>	Not Issued	161	03/09/1994	STABLE, IONOMERIC PHOTORESIST EMULSION AND PROCESS OF PREPARATION AND USE THEREOF
<u>08052851</u>	<u>5346644</u>	150	04/23/1993	COMPOSITIONS, ARTICLES & METHODS FOR SCAVENGING OXYGEN

<u>08044850</u>	<u>5445893</u>	150	04/08/1993	PH CONTROL POLYMER
<u>08003167</u>	<u>5364741</u>	150	01/12/1993	AQUEOUS DEVELOPABLE PHOTSENSITIVE POLYURETHANE-(METH)ACRYLATE
<u>08001363</u>	<u>5362806</u>	150	01/07/1993	TOUGHENED PHOTOCURABLE POLYMER COMPOSITION FOR PROCESSIBLE FLEXOGRAPHIC PRINTING PLATES
<u>07828319</u>	Not Issued	161	01/30/1992	PH CONTROL POLYMER
<u>07733901</u>	Not Issued	166	07/22/1991	COMPOSITIONS, ARTICLES AND METHODS FOR SCAVENGING OXYGEN
<u>07679419</u>	Not Issued	168	04/02/1991	COMPOSITIONS, ARTICLES AND METHODS FOR SCAVENGING OXYGEN
<u>07489411</u>	<u>5064699</u>	250	03/06/1990	SEMI-RIGID HEAT-SEALABLE LAMINATES WITH PERMANENT ANTISTATIC CHARACTERISTICS
<u>07410775</u>	<u>5096934</u>	150	09/21/1989	PACKAGING MATERIAL CONTAINING INHERENTLY ANTISTATIC POLYMERIC FOAM AND METHOD FOR USE THEREOF
<u>07354069</u>	Not Issued	168	05/19/1989	SEMI-RIGID HEAT-SEALABLE LAMINATES WITH PERMANENT ANTISTATIC CHARACTERISTICS
<u>06752704</u>	<u>4593110</u>	150	07/08/1985	PREPARATION OF 1,3-DIOXA-5,5,6,6,7,7-HEXAFLUOROCYCLOOCTANE

Inventor Search Completed: No Records to Display.

Search Another:
Inventor

Last Name

EBNER

First Name

CYNTHIA

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PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = MATTHEWS

First Name = ANDREW

Application#	Patent#	Status	Date Filed	Title	Inventor Name 23
<u>10649703</u>	Not Issued	030	08/28/2003	OXYGEN SCAVENGER COMPOSITIONS DERIVED FROM ISOPHTHALIC ACID AND/OR TEREPHTHALIC ACID MONOMER OR DERIVATIVES THEREOF	MATTHEWS, ANDREW E.
<u>09745150</u>	<u>6254804</u>	150	12/20/2000	OXYGEN SCAVENGERS WITH REDUCED OXIDATION PRODUCTS FOR USE IN PLASTIC FILMS	MATTHEWS, ANDREW E.
<u>09719020</u>	<u>6592919</u>	150	04/09/2001	CARBON DIOXIDE ATMOSPHERE MODIFIERS FOR PACKAGING	MATTHEWS, ANDREW ERNEST
<u>09275329</u>	<u>6254803</u>	150	03/24/1999	OXYGEN SCAVENGERS WITH REDUCED OXIDATION PRODUCTS FOR USE IN PLASTIC FILMS	MATTHEWS, ANDREW E.
<u>08793898</u>	<u>6447826</u>	150	03/12/1997	PACKAGING FOR MEAT AND FOODSTUFF	MATTHEWS, ANDREW E.
<u>08742735</u>	<u>5928833</u>	150	11/01/1996	RADIATION-SENSITIVE MATERIALS	MATTHEWS, ANDREW E.
<u>08592156</u>	<u>5948599</u>	150	01/26/1996	METHOD OF FORMING AN IMAGE IN A PRINTING PLATE	MATTHEWS, ANDREW E.
<u>08513034</u>	<u>5609987</u>	150	08/09/1995	IMPROVEMENTS IN OR RELATING TO PRINTING PLATES	MATTHEWS, ANDREW E.
<u>08261484</u>	<u>5505246</u>	150	06/17/1994	PERMANENT MOLD OR DIE CASTING OF TITANIUM-ALUMINUM ALLOYS	MATTHEWS, ANDREW L.
<u>08249774</u>	Not Issued	166	05/26/1994	PRINTING PLATES	MATTHEWS, ANDREW E.

<u>08233192</u>	Not Issued	161	04/26/1994	AQUEOUS PROCESSABLE THERMAL IMAGING ELEMENT	MATTHEWS , ANDREW E.
<u>08170132</u>	<u>5393580</u>	250	12/20/1993	METHOD FOR PREPARING NEGATIVE-WORKING WASH-OFF RELIEF IMAGES AND ELEMENTS FOR USE THEREIN	MATTHEWS , ANDREW E.
<u>08153389</u>	Not Issued	161	11/16/1993	FORMATION OF IMAGES	MATTHEWS , ANDREW E.
<u>08028089</u>	Not Issued	166	01/29/1993	PRINTING PLATES	MATTHEWS , ANDREW E.
<u>08002989</u>	Not Issued	161	01/11/1993	AQUEOUS PROCESSABLE THERMAL IMAGING ELEMENT	MATTHEWS , ANDREW E.
<u>07994821</u>	<u>5292556</u>	250	12/22/1992	METHOD FOR PREPARING NEGATIVE-WORKING WASH-OFF RELIEF IMAGES	MATTHEWS , ANDREW E.
<u>07930117</u>	<u>5270078</u>	150	08/14/1992	METHOD FOR PREPARING HIGH RESOLUTION WASH-OFF IMAGES	MATTHEWS , ANDREW E.
<u>07883020</u>	Not Issued	161	05/14/1992	FORMATION OF IMAGES	MATTHEWS , ANDREW E.
<u>07883019</u>	<u>5609980</u>	150	05/14/1992	RADIATION-SENSITIVE MATERIAL COMPRISING A LAYER HAVING CORE-SHELL PARTICLES AND A SECOND LAYER WITH A RADIATION SENSITIVE COMPONENT	MATTHEWS , ANDREW E.
<u>07615226</u>	<u>5162193</u>	150	11/19/1990	RADIATION SENSITIVE DEVICES	MATTHEWS , ANDREW E.
<u>07514874</u>	<u>4987952</u>	150	04/26/1990	APPARATUS FOR USE IN DEHUMIDIFYING AND OTHERWISE CONDITIONING AIR WITHIN A ROOM	MATTHEWS , ANDREW S.
<u>07153830</u>	Not Issued	161	02/02/1988	ACTIVATION OF PHASE CHANGE MEDIUM	MATTHEWS , ANDREW J.
<u>06519995</u>	<u>4574051</u>	150	08/03/1983	THERMOCHEMICAL ENERGY STORAGE	MATTHEWS , ANDREW J.

Inventor Search Completed: No Records to Display.

**Search Another:
Inventor**

Last Name

MATTHEWS

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ANDREW

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Day : Wednesday

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**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = MILLWOOD

First Name = TERRY

Application#	Patent#	Status	Date Filed	Title	Inventor Name 1
10649703	Not Issued	030	08/28/2003	OXYGEN SCAVENGER COMPOSITIONS DERIVED FROM ISOPHTHALIC ACID AND/OR TEREPHTHALIC ACID MONOMER OR DERIVATIVES THEREOF	MILLWOOD, TERRY O.

Inventor Search Completed: No Records to Display.**Search Another:
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MILLWOOD

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TERRY

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